

Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

Claims 1-25 (Cancelled).

26. (Previously presented) A fuel injector assembly comprising:
a seat assembly formed of a martensitic steel;
an injector body formed of solenoid-quality stabilized ferritic stainless steel; and
a solenoid body formed of solenoid-quality stabilized ferritic stainless steel, wherein said injector body and said solenoid body are adjacent and are joined together by welding, wherein said stabilized ferritic stainless steel comprises, in terms of weight percentage, about 10% to about 35% chromium and at least one element selected from the group consisting of titanium and columbium, wherein each of said at least one element is present at no more than about 1.5 weight percent.

27. (Previously presented) A fuel injector assembly in accordance with Claim 26 wherein said stabilized ferritic stainless steel includes between 0.26 and 1.5 weight percent of titanium.

28. (Previously presented) A fuel injector assembly in accordance with Claim 26 wherein said stabilized ferritic stainless steel includes between 1.1 and 1.5 weight percent of columbium.

Claims 29-31(Cancelled).

32. (Currently amended) An electric solenoid in accordance with Claim 29 comprising a plurality of components formed of solenoid-quality stabilized ferritic stainless steel, wherein said stabilized ferritic stainless steel includes, in terms of weight percentage, between 31% and 35% weight percent of chromium and at least one element selected from the group consisting of titanium and columbium, and wherein each of said at least one element is present at no more than about 1.5 weight percent.

Claims 33-40 (Cancelled).

41. (Currently amended) A fuel injector assembly in accordance with Claim 40 further including comprising a plurality of components formed of solenoid-quality stabilized ferritic stainless steel and a seat assembly formed of a martensitic stainless steel, wherein at least two of said plurality of components are adjacent and are joined together by welding, wherein said stabilized ferritic stainless steel comprises, in terms of weight percentage, 21% to about 35% chromium and at least one element selected from the group consisting of

titanium and columbium, and wherein each of said at least one element is
present at no more than about 1.5 weight percent, wherein said plurality of
components includes an injector body and a solenoid body.

Claims 42-45 (Cancelled).

46. (Previously presented) A fuel injector assembly comprising a plurality of components, wherein at least one of said plurality of components is formed of solenoid-quality stabilized ferritic stainless steel, wherein said stabilized ferritic stainless includes, in terms of weight percentage, about 10% to about 35% chromium and between 1.1 and 1.5 weight percent of columbium.